

# Building Your Own Spinning Top

You saw the power of spinning as our friends played on the merry-go-round. Flywheels use electricity to make a disc spin, turning the electrical energy into kinetic energy.

A motor makes the disk spin when we want to store energy. When we need electricity, a generator turns the movement into electrical energy.

Let's make a spinning top!

## Here are the supplies you'll need:

Piece of cardboard

Marble

Short wooden dowel

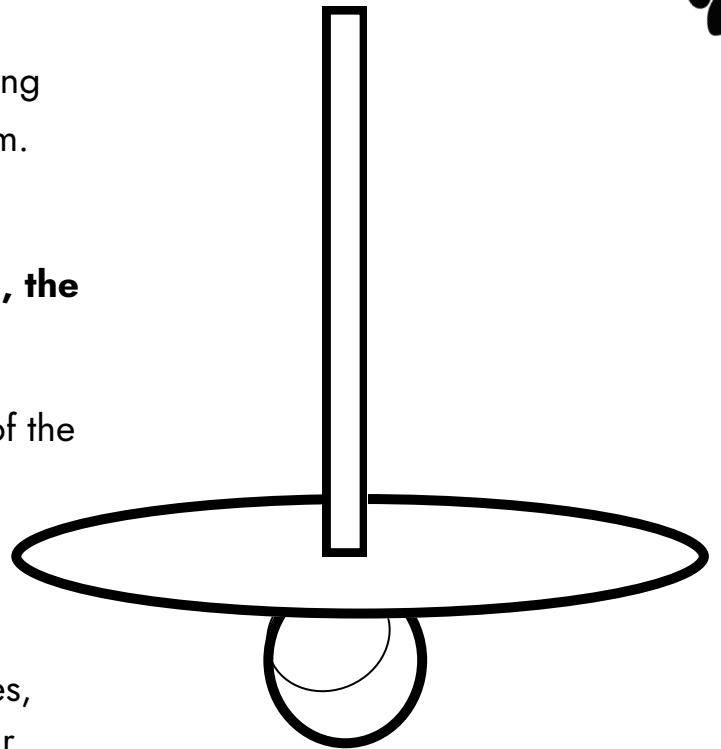
Marker

Scissors

Hot glue gun

1. Cut out a circle from the cardboard, about 10cm across.
2. Decorate both sides of the cardboard using markers. Decide which is the top and bottom.
3. Glue the marble on the bottom of the cardboard circles, in the centre. **Be careful, the glue gun will be hot!** Let it dry.
4. Glue the dowel in the centre on the top of the cardboard circles, pointing up. Let it dry.
5. Give it a spin!

Try different sizes of circles, sizes of marbles, and more. Create different designs on your tops. What works? What doesn't?



**Keep exploring the energy all around you!**